

Title (en)  
DIALYSATE REGENERATING DEVICE

Title (de)  
DIALYSATREGENERIERUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE RÉGÉNÉRATION DE DIALYSAT

Publication  
**EP 3311861 A1 20180425 (EN)**

Application  
**EP 17196583 A 20171016**

Priority  
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Abstract (en)  
Devices and methods for regenerating dialysate are disclosed. In certain aspects, the present disclosure provides a multi-stage dialysate regenerating device comprising a first stage having a filter membrane for filtering a dialysate solution into a first fluid flow and a second fluid flow and a second stage having an osmotic membrane for allowing transfer of solvent from one of the first or second fluid flow into the other. Multi-stage dialysate regenerating devices with at least one stage operating by forward-osmosis are also disclosed.

IPC 8 full level  
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Citation (applicant)  
K.J. KIM ET AL.: "A comparative study of techniques used for porous membrane characterization: pore characterization", JOURNAL OF MEMBRANE SCIENCE, vol. 87, 1994, pages 35 - 46, XP000492306, DOI: doi:10.1016/0376-7388(93)E0044-E

Citation (search report)  
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• [XAI] US 2009114595 A1 20090507 - WALLENAS ANDERS [SE], et al  
• [XAI] US 2010234795 A1 20100916 - WALLENAES ANDERS [SE]

Designated contracting state (EPC)  
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